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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/119,632	07/21/98	KIM	K 03273.75277

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WASHINGTON DC OFFICE OF BANNER &
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WASHINGTON DC 20001-4597

EXAMINER

DAVIS, T

ART UNIT	PAPER NUMBER
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2744

DATE MAILED:

06/09/00

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Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
09/119,632

Applicant(s)
Kim et al.

Examiner
Terica M. Davis

Group Art Unit
2744



☒ Responsive to communication(s) filed on Jul 21, 1998

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

☒ Claim(s) 1-15 is/are pending in the application

Of the above, claim(s) _____ is/are withdrawn from consideration

☒ Claim(s) 1-12 is/are allowed.

☒ Claim(s) 13 is/are rejected.

☒ Claim(s) 14 and 15 is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☒ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☒ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been

☒ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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DETAILED ACTION

Claim Objections

1. Claim 1 is objected to because of the following informalities: In claim 1, "calcurating" should read --calculating--. Appropriate correction is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 13-15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 13 recites the limitation "the plurality of base stations" in line 22. There is insufficient antecedent basis for this limitation in the claim.

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Allowable Subject Matter

4. Claims 1-12 are allowed.

5. The following is an examiner's statement of reasons for allowance: Prior art fails to suggest or render obvious an idle handoff controlling method in a cellular mobile communication system, calculating a variable threshold value based on a first pilot channel strength measured, measuring a strength of a second pilot signal transmitted from one of a plurality of neighbor base stations included on a neighbor list, wherein a strength difference is obtained by subtracting the first pilot channel strength from the second pilot channel strength, characterized in that an idle handoff is performed according to judging whether the strength difference is greater than the calculated threshold value.

6. Claim 13 would be allowable if the above 112 rejection of claim 13 is overcome.

7. Claims 14 and 15 are objected to as being dependent upon a rejected base claim, but would be allowable if the above 112 rejection of claim 13, in which claims 14 and 15 depend, is overcome.

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Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Storm et al, U.S. Patent No. 5,889,768 discloses a method of and apparatus for pilot channel acquisition.

Willey, U.S. Patent No. 5,920,550 discloses a system, method and apparatus for soft handoff.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Temica M. Davis whose telephone number is (703) 306-5837. The examiner can normally be reached on Monday-Thursday from 6:30 am to 4:00 pm. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner are unsuccessful, the examiner's supervisor, Dwayne Bost, can be reached on (703) 305-4778.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703)305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 308-6306 or (703) 308-6296 (for any communications intended for entry)

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Hand-delivered responses should be brought to Crystal Park II, 2121

Crystal Drive, Arlington. VA., Sixth Floor (Receptionist).

TMD

Temica M. Davis

June 5, 2000

Tracy M. Legree
TRACY M. LEGREE
PATENT EXAMINER